

Recombinant Mouse Crat Protein, Myc/DDK-tagged

Cat. No. Crat-2305M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carnitine acetyltransferase (Crat), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Carnitine acetylase is specific for short chain fatty acids. Carnitine acetylase seems to affect the flux through the pyruvate dehydrogenase complex. It may be involved as well in the transport of acetyl-CoA into mitochondria.
Molecular Mass	70.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Crat carnitine acetyltransferase [Mus musculus (house mouse)]
Official Symbol	Crat
Synonyms	CRAT; carnitine acetyltransferase; carnitine O-acetyltransferase; CAT; carnitine acetylase; CARAT; AW107812
Gene ID	12908
mRNA Refseq	NM_007760
Protein Refseq	NP_031786
UniProt ID	P47934

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